Smart Skies			
2008 Mathematics			
Curriculum Standards			
Tennessee Mathematics			
Grade 5			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	MA.5.GLE 0506.5.1	Make, record, display and interpret data and graphs that include whole numbers, decimals, and fractions.
Line Up with Math	TN	MA.5.GLE 0506.4.3	Describe length/distance relationships using the first quadrant of the coordinate system.

Smart Skies			
2008 Mathematics			
Curriculum Standards			
Tennessee Mathematics			
Grade 6			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	MA.6.GLE 0606.1.5	Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.
Fly by Math	TN	MA.6.GLE 0606.5.2	Interpret representations of data from surveys and polls, and describe sample bias and how data representations can be misleading.

Smart Skies			
2008 Mathematics			
Curriculum Standards			
Tennessee Mathematics			
Grade 7			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	MA.7.GLE 0706.1.5	Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.
Fly by Math	TN	MA.7.GLE 0706.4.2	Apply proportionality to converting among different units of measurements to solve problems involving rates such as motion at a constant speed.
Fly by Math	TN	MA.7.GLE 0706.5.1	Collect, organize, and analyze both single- and two-variable data.
Fly by Math	TN	MA.7.GLE 0706.5.2	Select, create, and use appropriate graphical representations of data.
Fly by Math	TN	MA.7.GLE 0706.5.3	Formulate questions and design studies to collect data about a characteristic shared by two populations, or different characteristics within one population.
Line Up with Math	TN	MA.7.GLE 0706.4.2	Apply proportionality to converting among different units of measurements to solve problems involving rates such as motion at a constant speed.

Smart Skies			
2008 Mathematics			
Curriculum Standards			
Tennessee Mathematics			
Grade 8			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	MA.8.GLE 0806.1.5	Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.
Fly by Math	TN	MA.8.GLE 0806.4.5	Use visualization to describe or identify intersections, cross-sections, and various views of geometric figures.
Fly by Math	TN	MA.8.GLE 0806.5.2	Select, create, and use appropriate graphical representations of data (including scatterplots with lines of best fit) to make and test conjectures.
Line Up with Math	TN	MA.8.GLE 0806.4.5	Use visualization to describe or identify intersections, cross-sections, and various views of geometric figures.
Smart Skies			
2008 Mathematics			
Curriculum Standards			
Tennessee Mathematics			
Grades 9-12 (Algebra I)			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	MA.9-12.CLE 3102.5.1	Describe and interpret quantitative information.